A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO7K14/28 C12N A61K39/106 G01N33/53 C12N15/31 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, MEDLINE, Sequence Search C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to daim No. Citation of document, with indication, where appropriate, of the relevant passages 1-3,5-7DATABASE EMBL 'Online! X 24 October 2002 (2002-10-24), "35D10LLI0004B Lawsonia library Lawsonia intracellularis genomic, DNA sequence." XP002327099 retrieved from EBI accession no. EM_PRO:BH795503 Database accession no. BH795503 4,8-16SEQ ID No: 1 has 100.00 % identity (100.00 Υ % ungapped) over 543 (q:s=314-856:1-543) with subject EM_GSS:BH795503 1 - 16EP 1 094 070 A (PFIZER PRODUCTS INC) 25 April 2001 (2001-04-25) see in particular pages 19-22, claims 19, 20. the whole document Patent family members are listed in annex. Further documents are listed in the continuation of box C Special categories of cited documents. "T" later document published after the international filing date or pnorfly date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 01/06/2005 3 May 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx 31 651 epo nl. Rojo Romeo, E

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